

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A filter device for suppressing ~~that suppresses~~ electromagnetic interference generated in an alternating current circuit connected to a power converter with an alternating current output, the filter device comprising:

a common mode choke connected between alternating current output terminals of the power converter and input terminals of the alternating current circuit; and

a connecting element [[means]] that connects ~~an outgoing line from~~ a neutral point of the alternating current circuit to a reference potential point having little potential variation at a power source system side of the power converter;

wherein the connecting element includes a capacitor and a resistor connected in series.

2. (canceled)

3. (original) The filter device according to claim 1, wherein the reference potential point is the neutral point at the power source system side of the power converter.

4. (original) The filter device according to claim 1, wherein the power converter is an inverter, and the reference potential point is any one of a plus potential point, a minus potential point, and the neutral point at a direct current input side of the inverter.

5. (currently amended) A filter device for suppressing ~~that suppresses~~

electromagnetic interference generated in an alternating current circuit connected to a power converter with an alternating current input and an alternating current output, the filter device comprising:

a common mode choke connected to an alternating current input terminal side of the power converter; and

a connecting element [[means]] that connects ~~an outgoing line from~~ the neutral point of the alternating current circuit to a reference potential point having little potential variation at a power source system side of the common mode choke;

wherein the connecting element includes a capacitor and a resistor connected in series.

6. (canceled)

7. (original) The filter device according to claim 5, wherein the reference potential point is the neutral point at the power source system side of the common mode choke.

8. (currently amended) A filter device for suppressing ~~that suppresses~~ electromagnetic interference generated in an alternating current circuit connected to a power converter with a direct current input and an alternating current output, the filter device comprising:

a common mode choke connected to a direct current input terminal side of the power converter; and

a connecting element [[means]] that connects ~~an outgoing line from~~ the neutral point of the alternating current circuit to a reference potential point having little potential variation at a direct current power source side of the common mode choke.

9. (currently amended) The filter device according to claim 8, wherein the connecting element [[means]] includes a capacitor and a resistor connected in series.

10. (original) The filter device according to claim 8, wherein the reference potential point is any one of a plus potential point, a minus potential point, and the neutral point at a direct current input side of the power converter.

11. (currently amended) A filter device for suppressing ~~that suppresses~~ electromagnetic interference generated in an alternating current circuit connected to a power converter system including a first power converter with an alternating current input and a direct current output and a second power converter with a direct current input and an alternating current output, the filter device comprising:

a common mode choke connected to and between direct current output terminals of the first power converter and direct current input terminals of the second power converter connected to the alternating current circuit; and

a connecting element [[means]] that connects ~~an outgoing line from~~ a neutral point of the alternating current circuit to a reference potential point having little potential variation at an alternating current input terminal side ~~or a direct current input terminal side~~ of the first power converter.

12. (currently amended) The filter device according to claim 11, wherein the connecting element [[means]] includes a capacitor and a resistor connected in series.

13. (original) The filter device according to claim 11, wherein the reference potential point is the neutral point at a power source system side of the first power converter.

14. (currently amended) A filter device for suppressing ~~that suppresses~~ electromagnetic interference generated in an alternating current circuit connected to a power converter with an alternating current output, the filter device comprising:

a common mode choke disposed at any one of an input side, an output side, and a direct

current link of the power converter; and

a connecting element [[means]] that connects an outgoing line from the neutral point of the alternating current circuit to a reference potential point ~~present at an~~ upstream of the common mode choke;

wherein the connecting element includes a capacitor and a resistor connected in series.

15. (canceled)

16. (original) The filter device according to claim 14, wherein the reference potential point is a point having little voltage variation.

17. (new) The filter device according to claim 14, wherein the reference potential point is the neutral point at a power source system side of the power converter.

18. (new) The filter device according to claim 1, wherein the connecting element does not extends through the common mode choke.

19. (new) The filter device according to claim 5, wherein the connecting element forms no part of the common mode choke.

20. (new) The filter device according to claim 8, wherein the connecting element is separated from the common mode choke.

21. (new) The filter device according to claim 11, wherein the connecting element is free of magnetic coupling to the common mode choke.

22. (new) The filter device according to claim 14, wherein the connecting element

forms no part of and is located completely outside the common mode choke.